

## LEONID 2002 COMPLETED TIMELINE

### Day 02-323 (Instrument Power Off)

1. MPWROFF procedure started at 00:35:15  
MRVCMDST = OFF at 00:35:16  
MSPNUPCMDST = OFF at 00:35:31  
MAPWR = OFF at 00:36:22  
Survival Heaters ON at 00:36:38
2. LPWROFF procedure started at 00:37:02  
LAPWR = OFF at 00:37:18
3. PROFF procedure started at 00:37:43  
PRMODE = HEALTH\_CHK at 00:37:51  
PFCIF<A/B>PWR = OFF at 00:38:03  
P<AA/BB>PSI < 0.05 at 00:38:19  
P<A/B>PFC<A/B>SI < 0.05 at 00:38:53
4. VRADCDRCL procedure started at 00:39:26  
VRCDRDRV = PRIMARY at 00:39:39  
VRCDCLS = CLOSED at 00:40:25
5. /VSOLCDOOR BUMPCLOSE 00:41:36
6. VPWROFF procedure started at 00:41:50  
VSCNDRAPWR = OFF at 00:42:03  
VAPWR = OFF at 00:42:14

### Day 02-323 (Instrument Power On)

1. PRSTARTON procedure started at 14:14:55  
PRSURVHTRS procedure started at 14:15:03  
PA<A/B>SHTR1PWR = DISABLE at 14:15:51  
P<A/B>PFC<A/B>SI > 0.05 at 14:16:34  
PFCIF<A/B>PWR = ON at 14:17:21  
PRMODE = STAND\_BY at 14:17:47  
PTXCODE103 procedure started at 14:18:05  
PRXCODE103 procedure started at 14:23:07  
PRMODE=OBSERVATION at 14:28:40
2. PRNGOFFSET procedure started at 14:29:00  
BIN 1 Offset 6 at 14:29:28  
BIN 2 Offset 4 at 14:29:38  
BIN 3 Offset 3 at 14:29:54  
BIN 4 Offset 1 at 14:30:06

BIN 46 Offset 1 at	14:30:29
BIN 47 Offset 3 at	14:30:47
BIN 48 Offset 4 at	14:31:01
BIN 49 Offset 6 at	14:31:15
3. PRXATTN SEL9DB command received at	14:32:02
4. MPWRON procedure started at	14:33:49
Survival Heaters OFF at	14:34:14
MAPWR = ON at	14:34:38
5. MSPINUP procedure started at	14:35:27
MSPNUPCMDST = ON at	14:37:57
6. MRCVRSON procedure started at	14:38:23
MRVCMDST = ON at	14:38:29
7. LPWRON procedure started at	14:39:18
LAPWR = ON at	14:39:34
8. LISCONFIG procedure started at	14:41:10
LTHADJ sent at	14:42:12
9. VPWRON procedure started at	15:56:32
VAPWR = ON at	15:56:46
10. VOPSHTRS procedure started at	15:57:18
VIRS 8.5w Heater ON	15:57:28

-----CONTINUE WITH VIRS OUTGAS TIMELINE-----

### Day 02-325

11. PRSURVHTRS procedure started at	14:07:28
PA<A/B>SHTR1PWR = ENABLE at	14:07:50